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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

· Application of: Usuka et al.

Confirmation No.:

3878

Serial No.:

10/015,167

Art Unit:

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Examiner: Cheyne D. Ly

For:

SYSTEM AND METHOD FOR PREDICTING CHROMOSOMAL

REGIONS THAT CONTROL PHENOTYPIC TRAITS

Attorney Docket No: 9080-016-999

AMENDMENT UNDER 37 C.F.R. § 1.111

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

In response to the Office Action mailed on October 19, 2004 in connection with the above-captioned patent application, please consider the following remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims that begins on page 4 of this paper.

Remarks / Arguments begin on page 18 of this paper.